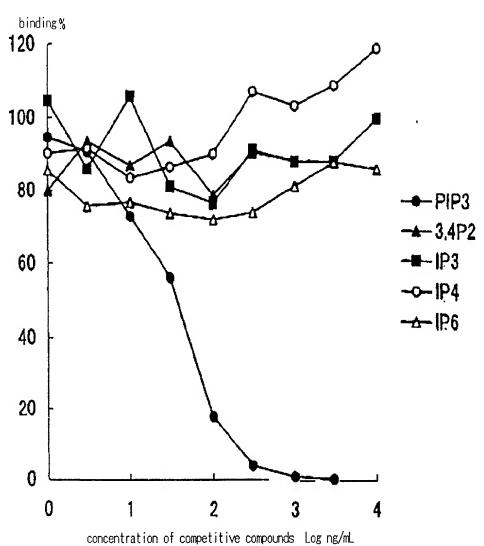
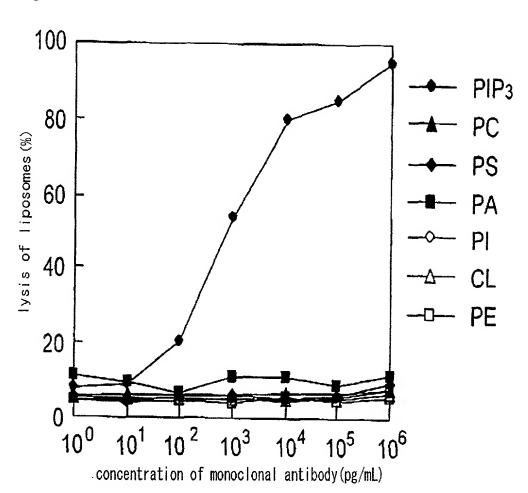
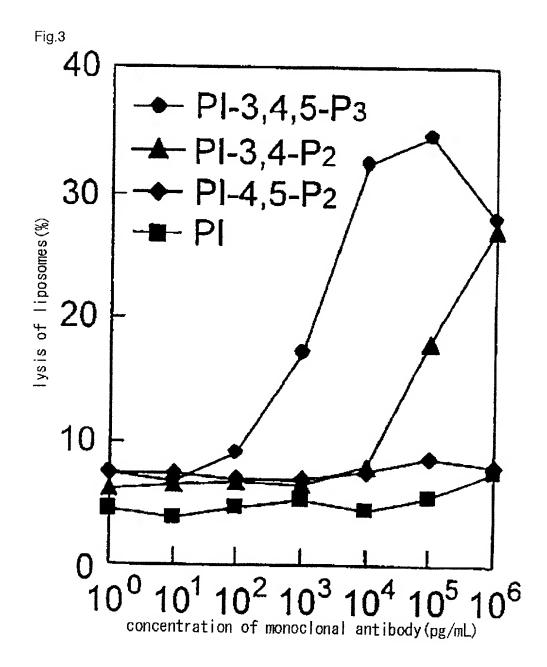
Fig.1











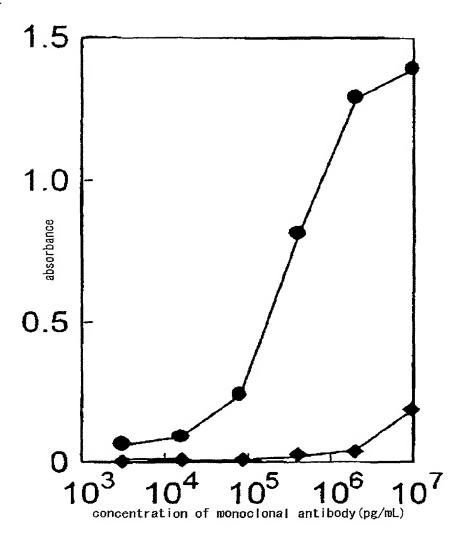
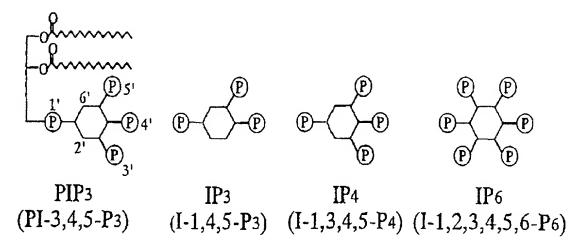


Fig.5



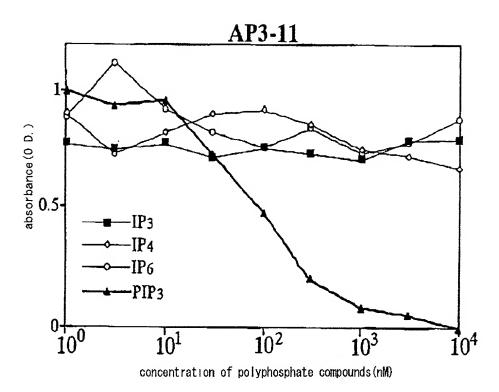


Fig.6

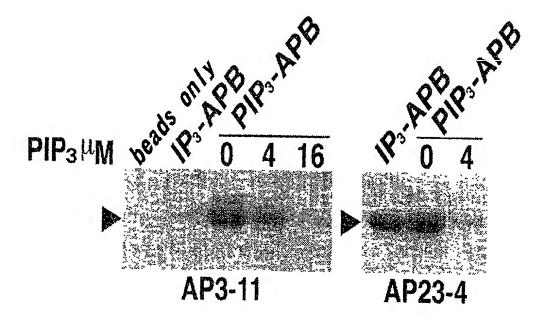


Fig.7

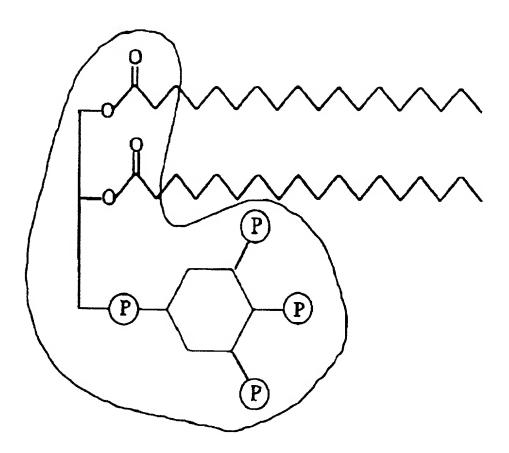
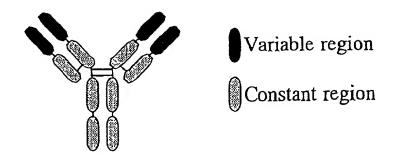


Fig.8

## Amino acid Sequence of AP3-11 variable regions



Light Chain Variable Region

CDR L1

DIQMTQSPASLSASVGETVTITC RASENIYSYLP WYQQ

CDR L2

NQGKSPQLLVY NAKTLTE GVPSRFSGSGSGTQFSLKIN

CDR L3

SLQPEDFGSYYC QHHYGTPYT FGGGTKLEIK

Heavy Chain Variable Region

EVQLQQSGPEVVKTGASVKISCKAS GYSFTGY YMHWV

CDR H2

KQSHGKSLEWIGYI SCYNA ATRYNQKFKGKATFTVDTS

CDR H3

SSTAYMQFNSLTSEDSAVYYCAR SGAYYRYGVVY WGC

GTLVTVSAATTT